

KL731

KL700 Series Conventional Optical Detector

General

The KL731 is a conventional optical smoke detector. With outstanding performance, efficiency and durability, the KL700 series conventional fire detectors is the ideal solution for every installation. They are designed specifically for use with Kilsen conventional fire panels, but may also be connected to most 3rd party industry standard conventional fire panels.

A fire detector for every need

With an attractive design and advanced features, these fire detectors have been designed to cope with difficult and even extreme situations. The series comprises a range of detectors including optical and heat detectors, supporting a universal base that suits every application.

A range of bases are available in standard and deep base variants, including relay bases for low voltage (12 VDC) applications and even supports a base variant that compensates for uneven mounting surfaces.

All bases are provided with an integral locking mechanism for extra security, and all detectors support the connection of a remote indicator.

KL731 Photoelectric Smoke Detector

These detectors use the Tyndall effect of smoke in the chamber to detect a fire. It can detect a smouldering fire (without flames). The KL731 detectors are normally used in areas where possible fires generate visible smoke e.g. plastics, polystyrene, PVC, etc.



Standard Features

- An ultra-fine grid prevents the ingress of dust and insects in smoke detectors
- Attractive, low-profile design
- EN54 approved and CPR Certified
- Innovative base option to compensate for uneven surfaces

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Specifications

Operating voltage	9 to 28 VDC
Current consumption	
Quiescent at 24 VDC	85 µA
Alarm at 24 VDC	< 100 mA
Remote indicator output	< 100 mA
Operating temperature	-10°C to +70°C
Storage temperature	-10°C to +70°C
Max. humidity (non condensing)	95%
IP rating	IP42
Number of detectors per zone	20
Dimensions (h x Ø)	
Head	45 mm x 99 mm
Colour	White RAL9010-P
Approvals*	EN54:7, CPD/R

* Check current status with local office

Ordering Information

Part No.	Description
KL731	KL700 Series Conventional Optical Detector
KZ700	Kilsen KL700 Series Universal Fire Detector Base
KZ705	Kilsen KL700A Series Universal Fire Detector Base
KZ705D	Conventional Fire Detector Base with Diode
KZ705R	Conventional 12 VDC fire detector base with relay
KZD705	Universal Detector Deep Base with Earth Connection
S700	Surface Mount Accessory for KZ700 and KZ705 Series Bases
PA25/3L	Low current remote LED indicator